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Titolo	Emerging Disruptive Technologies for Society 5.0 in Developing Countries : Challenges and Applications / / edited by Sara Arezki, Mariya Ouissa, Mariyam Ouissa, Moez Krichen, Anand Nayyar
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Descrizione fisica	1 online resource (XII, 252 p. 109 illus., 97 illus. in color.)
Collana	Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8722
Disciplina	338.9
Soggetti	Economic development Education and state Artificial intelligence Development Studies Educational Policy and Politics Artificial Intelligence Education Policy
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Nota di contenuto	Emerging Disruptive Technologies for Society 5.0: Review -- Smart Parking Service based on Wireless Sensor Networks and Crowdsourcing -- Basketball Free Throw Analysis -- Tracking and tracing containers model enabled blockchain basing on IoT platform -- The feasibility and efficiency of Blockchain based systems in the healthcare area -- Design and implementation of an integrated prediction application for automatic irrigation and plant monitoring -- Education driven Technology in pandemic era: Case of Morocco -- Predictive Decision support on Digital Twin in the Context of Industry 4.0: Global Architecture in Mine Industry -- Evaluation of Solar Energy Performances in Internet of Things -- Federated Learning for Hate Speech Detection in Arabic Social Media.
Sommario/riassunto	This book offers an overview of the recent disruptives technologies and their application in the new Society 5.0 for better human life. The content provides researchers by new trends in blockchain, IA, and big

data applied to several fields related to smart cities and Society 5.0 such as health care, education, finance, mobility, logistics, and quality of life. It is an opportunity for researchers and practitioners to present and discuss their most recent research results, innovations, experiences, concerns, challenges, and trends about the application of disruptive technologies applied to Society 5.0. The aim of the book is to focus on how disruptive technologies can change the way we perform and how it creates more opportunities with a special focus on AI, blockchain, big data, etc. The idea behind this book is to focus on solutions based on disruptive technologies that can face the challenges of the developing countries. We will shed the light on different sectors such as education, agriculture, industry, transportation, environment, energy, health care, etc. We will discuss the challenges that the emerging countries face in these sectors and provide disruptive technologies based solutions to them. This book also introduces success stories of disruptive technologies-based solutions and their impact on the lives of people in developing countries.
